

Please insert the following Abstract as a separate page after the claims.

ABSTRACT

A device for positional and/or length determination comprising a carrier unit with an absolute magnetic length coding and a measuring unit that co-operates with the carrier measuring unit and can be displaced in relation to the latter. The measuring unit has a magnetic sensor unit (Sci, Sfi) and can be connected to an electronic evaluation unit (18 to 32) that is located downstream of the measuring unit. The elongated, rod-shaped carrier unit (10) is provided with one track of preferably radially magnetized length coding, a plurality of coding sections comprising periodic pole divisions is provided along the length coding and coding sections of a first polarity alternate with coding sections of a second polarity along the carrier unit, in such a way that a maximum of two coding sections of the same polarity lie directly adjacent to one another.